C/SD
DC/SD
C/SMB
DC/SMB

24 May 1972

MEMORANDUM FOR: Director of Logistics

SUBJECT : Implementation Plan

1. Attached is the outline of the briefing given you today. It proposes an implementation plan for installing a Logistics processing system in increments. We believe this plan offers significant advantages over the alternative of installing a large, complex system in one time period.

2. We request your concurrence to proceed in this direction and your agreement as to the general content of the first phase of the implementation plan.

[redacted] 25X1A

Director
SIPS Task Force

Attachment

25X1A

CONCURRENCE:

[redacted]

Director of Logistics
5/31/72

D/L Distribution:
Orig - D/SIPS Task Force
1 - OL/Official
1 - OL/SD
1 - D/L Chrono

CONFIDENTIAL OL 2-3118

19 May 1972

ICS IMPLEMENTATION PLAN

I. Background

A. Status

1. Inability to resolve design conflicts.

a. Design philosophy intermixed with requirements.

b. No order of priority for total system

2. Total system difficult to comprehend, explain, document, and install because of complexity.

B. Advantages of Phasing

1. Benefits to MRS

a. Resources

1) Phasing will require fewer people, both technical and nontechnical, than implementing one large system.

2) Design of one large system extends over much longer period of time and customer requirements change.

3) Phasing will eliminate people waiting during periods of discussion and decision making.

4) Overlap phases. While one phase is being implemented, work can be progressing on subsequent phases.

b. Software and Hardware Capabilities

Software and terminal devices available now make it possible to bring-up smaller segments due to the ease of change.

1) Can review and modify implemented phases sooner and easier.

covering Memorandum
with approval
ine, signed by
W. Blake and
forwarded 5/31/72
GBL

2) Can modify additional phases as a result of experience gained from previous phases.

2. Benefits to OL

a. Phasing will cause gradual change in Office of Logistics operations, less abrupt transition.

1) Less training at one time for fewer people.

2) Less data to convert at one time.

3) Fewer people required to maintain initial phases.

b. Shorter calendar time to derive benefits of the system.

c. Earlier experience with terminals for users.

C. Disadvantages of Phasing

1. Longer implementation period may be required.

2. Have to fit old and new methods together as different phases progress.

D. Conclusion

Experience with other systems has proven phasing implementation advantages outweigh disadvantages.

ICS IMPLEMENTATION PLAN

II. Phase I

A. System Capabilities

1. Provide on-line catalog and management identification files and automated research assistance in identifying items of supply.

a. All line items properly identified and entered into the automated system.

b. Additional management data elements.

1) Criticality codes

2) Supply status code

3) Interchangeable stock numbers

c. On-line part number to stock number cross reference file.

- Will include Agency peculiar part numbers and stock numbers.

d. On-line item use data

1) 'Where Used' file

2) 'Used With' file

2. Define and maintain levels to insure adequate stock availability for normal and critical demands and alert management of long supply situations.

a. Maintain safety, special, and maximum levels at all depots.

Ability to age RO required.

b. Exception type reporting.

3. On-line files for the control and management of receipts and issues at [redacted] 25X1A

a. Pre-post issues at [redacted]

b. Automatically release back orders upon receipt of property at [redacted] 25X1A

c. Maintain on-line files on requests for property processed at [redacted] 25X1A

4. Uniquely identify requisitions for better control.

- Use standard Document Control Number which will contain requisitioner's identification.

5. Provide requisition priority system.

- Request issuance of property based on the stated priority for property controlled by the automated system.

B. Hardware Plan

1. OCS computers using OS and GIM.

2. Concentration of terminals in Ames Building.

3. Terminals located at [redacted] 25X1A

C. Rationale

1. Less initial impact on OL's method of operation.

2. Essential starting foundation for adding on other phases.

3. Large portion of data needed exists in present automated and manual system.

D. Impact of System on OL

1. Information Flow

a. Initial catalog check will be in DMC.

b. Elimination of stock status listings for posting purposes. Continuous status flow to COG office or item manager.

c. Pre-post issues for [redacted] in lieu of depot post-posting. 25X1A

d. System will provide depot with issue notice of released back orders as result of [redacted] and [redacted] posting receipts to the system. 25X1A

25X1A

Approved For Release 2001/07/12 : CIA-RDP78-05399A000200050003-7

2. Work Load

a. It will be necessary to expand the Catalog Unit in order to accomplish the requirement of properly identifying all items of supply.

b. Posting, wherever done, to stock status listing will be eliminated for [redacted] depots. 25X1A

c. Paper volume will not increase.

ICS IMPLEMENTATION PLAN

III. Phase II

A. Capabilities

1. Provide on-line automated files for the control and management of receipts and issues at [redacted] 25X1A

   a. Pre-post issues at [redacted] 25X1A

   b. Automatically release back orders upon receipt of property at [redacted] 25X1A

   c. Maintain on-line files of requests for property processed at [redacted] 25X1A

2. Provide on-line automated files for the control and management of procurement data for property to be processed at [redacted] 25X1A

   a. Create and maintain files of procurement data for property to be processed at [redacted] 25X1A
25X1A [redacted] 25X1A

   b. Produce, upon request, a receiving document for procured property delivered [redacted]
25X1A [redacted]

   c. Accumulate procurement history.

   d. Interpret FEDSTRIP/MILSTRIP status cards.

3. Automated interface with Finance system
25X1A [redacted]

   a. Automatically commit PPA

   b. Automatically liquidate commitments and obligate PRA.

4. Develop new pricing scheme

   Monitor acquisition of price variance parameters provided by OL for new pricing procedures.

B. Hardware Plan (Additional)

Terminals located at [redacted] 25X1A

C. Rationale

1. Enough data in to make financial tie-in feasible.

2. Logical expansion of capabilities.

D. Impact of System on OL

1. Information Flow

a. Pre-post issues for [redacted] 25X1A

b. System will provide depot with issue notice of released back orders as result of [redacted] 25X1A property receipt input to system.

c. Process receipts by the use of a computer generated receiving document at [redacted] 25X1A
25X1A and [redacted]

d. Elimination of PPA manual posting.

25X1A

2. Work Load

a. Elimination of purchase order at [redacted]
25X1A and [redacted] for procured property.

b. Elimination of hand posting at [redacted] 25X1A

c. Elimination of PPA manual posting.

Purchase orders cannot be eliminated.

ICS IMPLEMENTATION PLAN

IV. Phase III

A. Capabilities

1. Provide automated on-line files for the control and management of receipts and issues at [redacted] 25X1A

   a. Pre-post issues at [redacted] 25X1A

   b. Automatically release back orders upon receipt of property at [redacted] 25X1A

   c. Maintain on-line files of request for property processed at [redacted] 25X1A

2. Provide automated on-line files for the control and management of procurement data for property to be processed at [redacted] 25X1A

   a. Create and maintain files for procurement data for property to be processed at [redacted] 25X1A

   b. Produce, upon request, a receiving document for procured property delivered at [redacted] 25X1A

3. Automated interface with Finance System

   a. Automatically encumber PRA

   b. Automatically liquidate encumbrance upon issue.

   c. Automatically provide invoice data.

4. Expand system capabilities to include additional requirements for more sophisticated management and control.

   a. Automatically control and monitor requests for property, receipts, issues, and shipping purposes only for [redacted] 25X1A

   b. Collect shipping data for historical and statistical purposes.

   c. Automatically perform primary depot selection upon issue of property.

   d. Automatically replace or interchange stock numbers on requests for property.

B. Hardware Plan (Additional)

Terminals located at [redacted] 25X1A

C. Rationale

Next logical progression of system capabilities.

D. Impact of System on OL

1. Information Flow

a. All requests for Property and PTI's affecting CONUS depots will be processed at Headquarters.

b. Inclusion of [redacted] in the centrally managed system. 25X1A

c. The control and monitoring of requests for property, receipts, issues, and shipping purposes only for [redacted] 25X1A

d. Elimination of PRA manual posting of requests for property processed at CONUS depot.

2. Work Load

a. Additional paper volume due to single line requests for property.

b. Elimination of purchase orders at [redacted] for procured property. 25X1A

c. Elimination of hand posting at [redacted] 25X1A

d. Elimination of PRA manual posting of requests for property processed at CONUS depots.

ICS IMPLEMENTATION PLAN

V. Phase IV

A. Capabilities

1. Further expansion of system capabilities

Automatically control and monitor requests for property, receipts, issues, and shipping purposes only for [redacted] 25X1A

2. Interface with external DSA and GSA systems.

ICS IMPLEMENTATION PLAN

VI. Summary

A. We strongly recommend that Phase I include the following critical functions which will serve as a basis for reaching the total system goals:

1. Expanded catalog and management identification files.

2. Control and management of receipts and issues [redacted] 25X1A

   a. Pre-post issues [redacted] 25X1A

   b. Automatic release of backorders upon receipt of property at [redacted] 25X1A

   c. Maintain suspense files for Requests for Property.

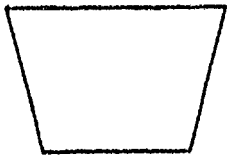
B. This phased implementation plan addresses itself to CONUS installations. We are aware that the requirements of the Office of Logistics encompass worldwide coverage and it is our intent to provide such capability after implementation of the CONUS installations.

S C H E D U L E S

	Design	Design Approval	Build System	Test	Operational
	END DATE	END DATE	END DATE	END DATE	START
Phase I	Aug. 72	Sept. 72	Feb. 73	April 73	June 73.
Phase II	April 73	April 73	Sept. 73	Oct. 73	Nov. 73
Phase III	Sept. 73	Sept. 73	Nov. 73	Dec. 73	Feb. 74
Phase IV	Jan. 74				

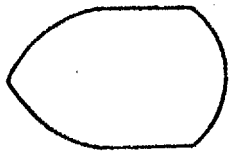
MRS
IMPLEMENTATION PLAN
PHASE I

LEGEND:



MANUAL OPERATION

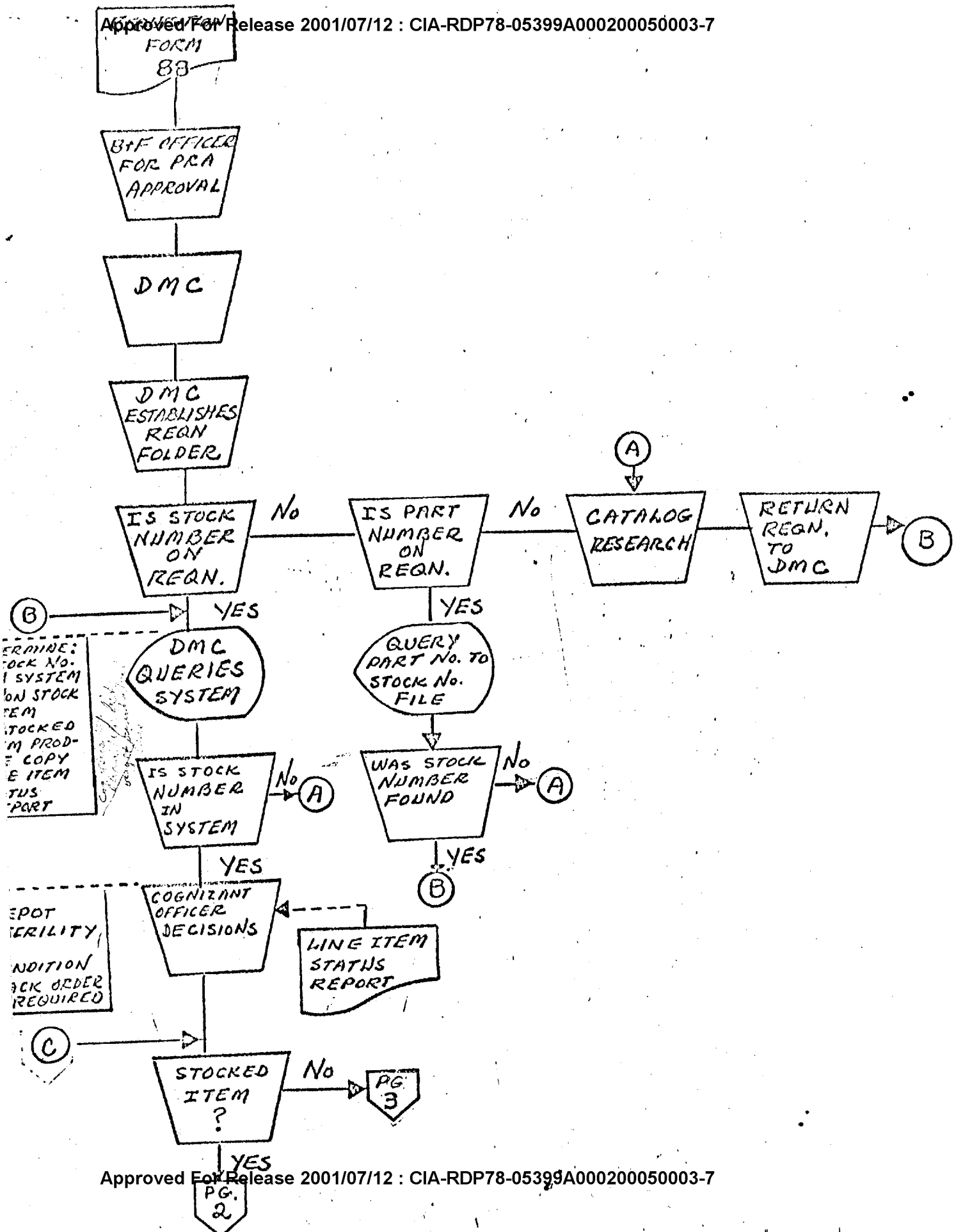
AUTOMATED PROCESS

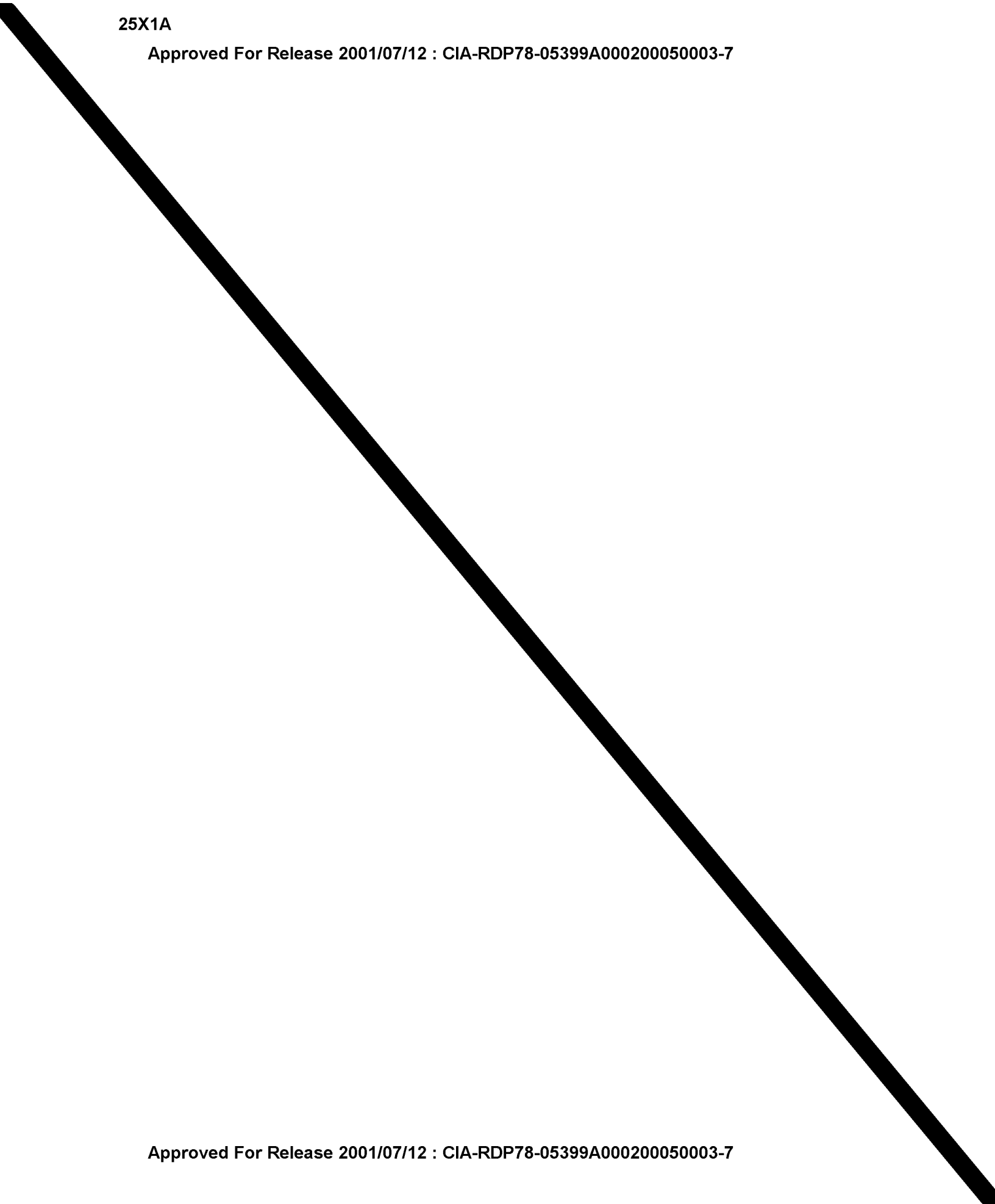


DISPLAY

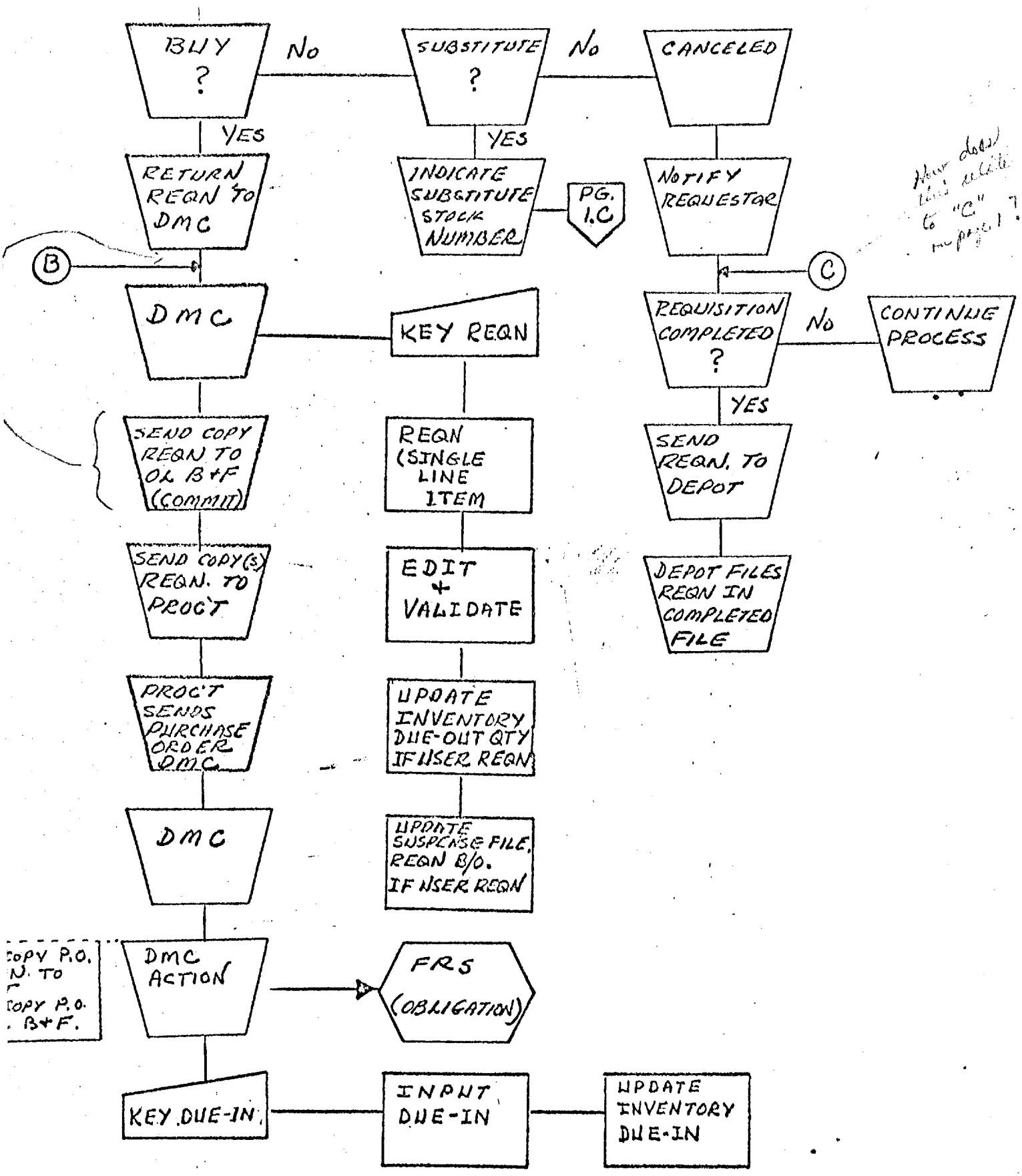
DOCUMENT

5 MAY 1972

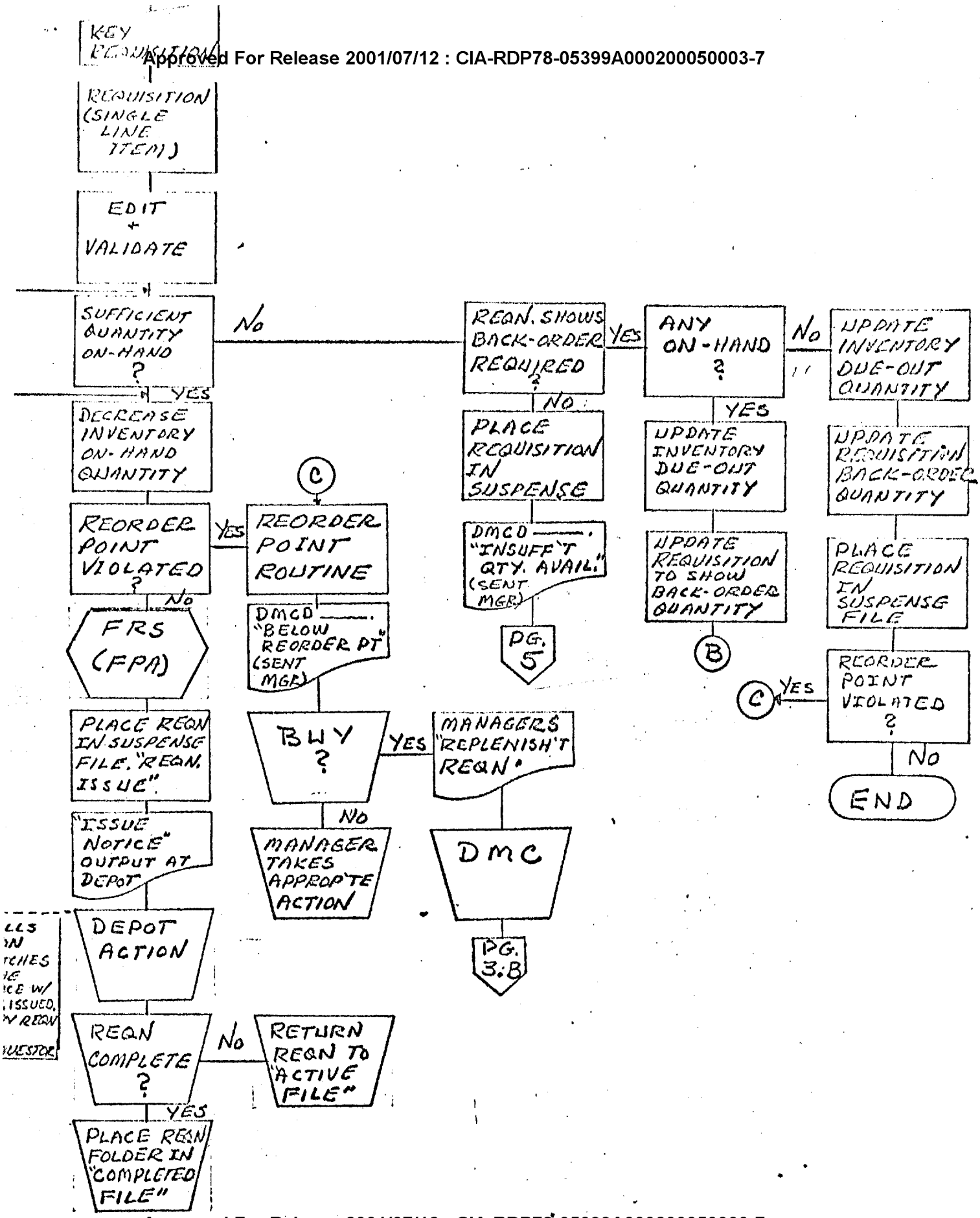


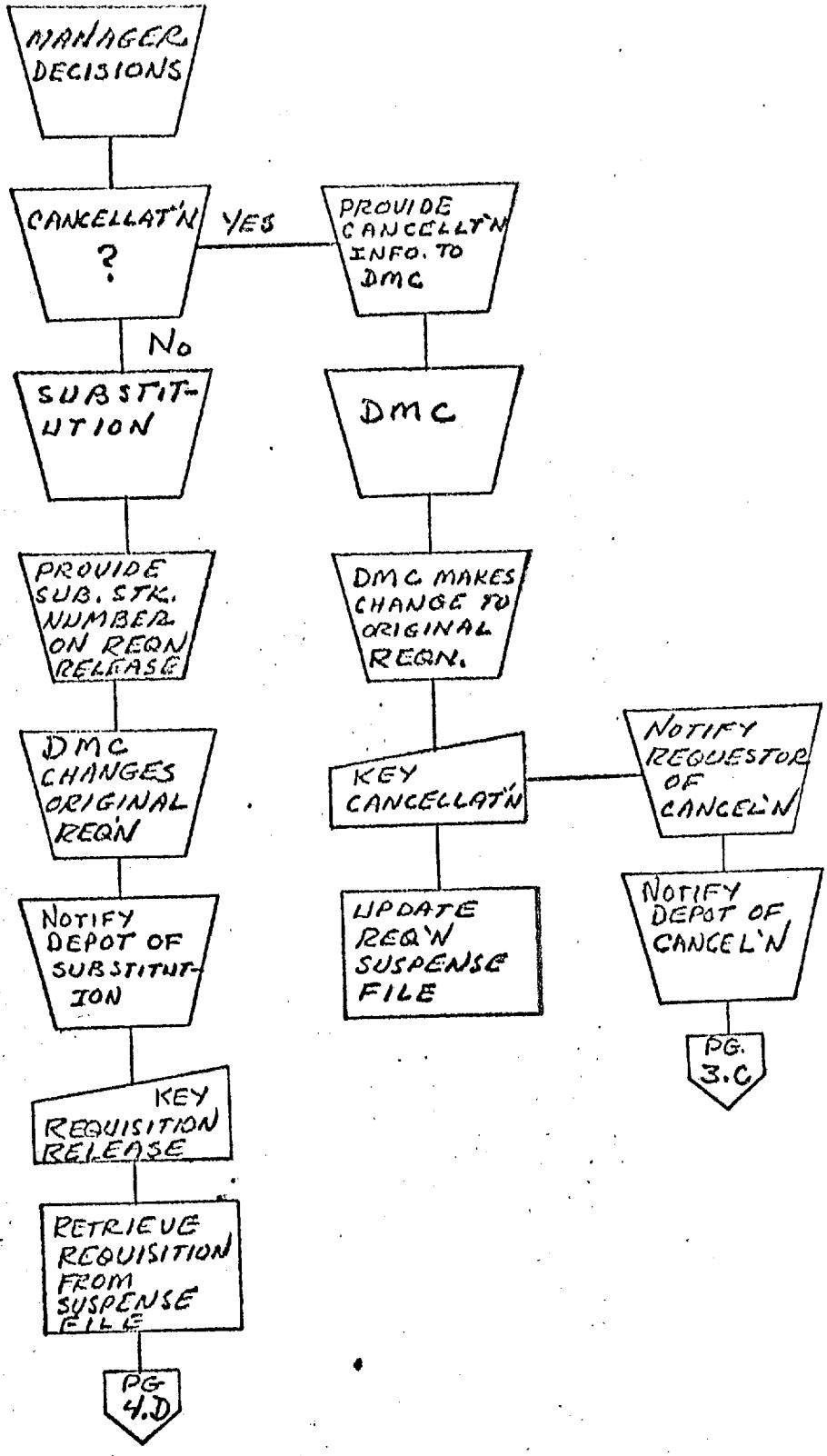


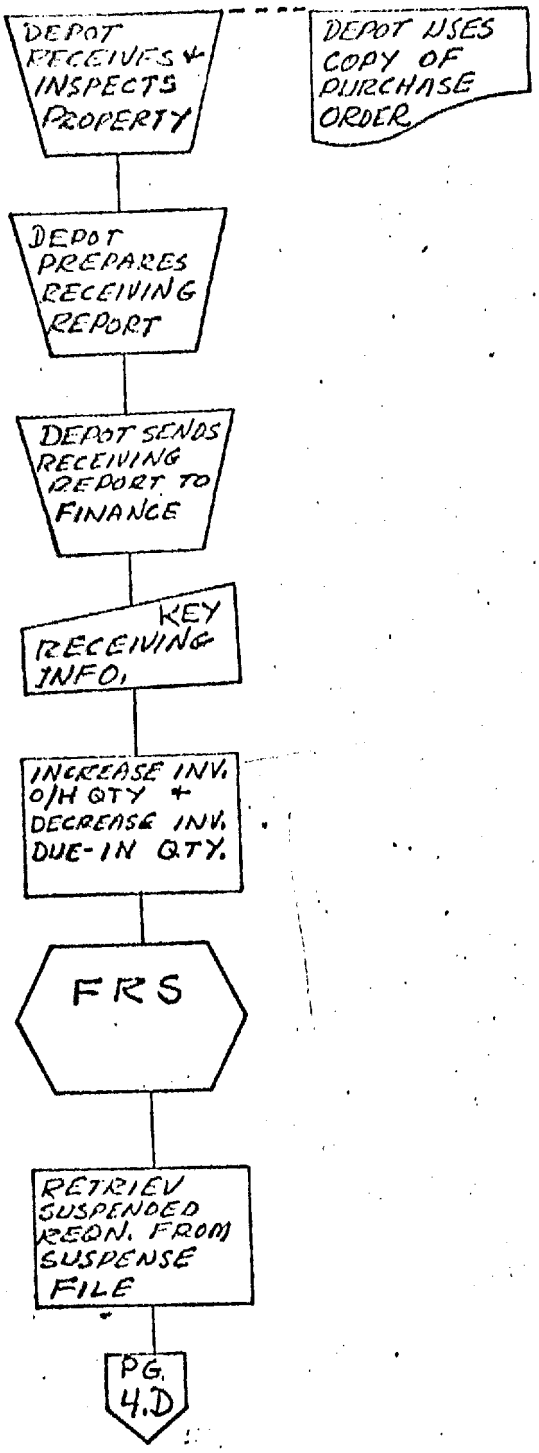
Approved For Release 2001/07/12 : CIA-RDP78-05399A000200050003-7



Approved For Release 2001/07/12 : CIA-RDP78-05399A000200050003-7







Approved For Release 2001/07/12 : CIA-RDP78-05399A000200050003-7